



D0 Status Report

9/26/2005

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Data Taking for 9/19 – 9/25

Day	Delivered	Recorded	Eff.	Comments
9/19 (Mon)	3.10 pb ⁻¹	2.91 pb ⁻¹	94 %	
9/20 (Tue)	2.01 pb ⁻¹	1.70 pb ⁻¹	85 %	20 min downtime due to L2 at the beginning of store 4395.
9/21 (Wed)	2.77 pb ⁻¹	2.26 pb ⁻¹	82 %	Central muon special run at the beginning of store 4397. 1.5 hour downtime due to L1Cal rack trip.
9/22 (Thu)	2.34 pb ⁻¹	2.14 pb ⁻¹	91 %	30 min downtime due to L2.
9/23 (Fri)	2.48 pb ⁻¹	2.36 pb ⁻¹	95 %	Central muon special runs at the end of store 4399.
9/24 (Sat)	3.83 pb ⁻¹	3.55 pb ⁻¹	93 %	
9/25 (Sun)	3.54 pb ⁻¹	3.11 pb ⁻¹	88 %	Record initial luminosity of 122E30 for store 4401. 30 min downtime due to Muon crate download problems.
9/19 – 9/25	20.07 pb ⁻¹	18.03 pb ⁻¹	90 %	



Notable Events

- 9/19 (Mon)
 - Rescraping during store 4392
 - Made it possible to gain extra 2 sigma closer to beam for A side up detectors and extra 4 sigma for A side down detectors.
 - No gain in P side detectors.
- 9/20 (Tue)
 - **20 min downtime** due to L2 at the beginning of store 4395.
- 9/21 (Wed)
 - Store 4397 with $\beta^*=28$ cm lattice.
 - Central muon special run to measure efficiency at high luminosity.
 - **1.5 hour downtime** due to L1Cal rack trip.



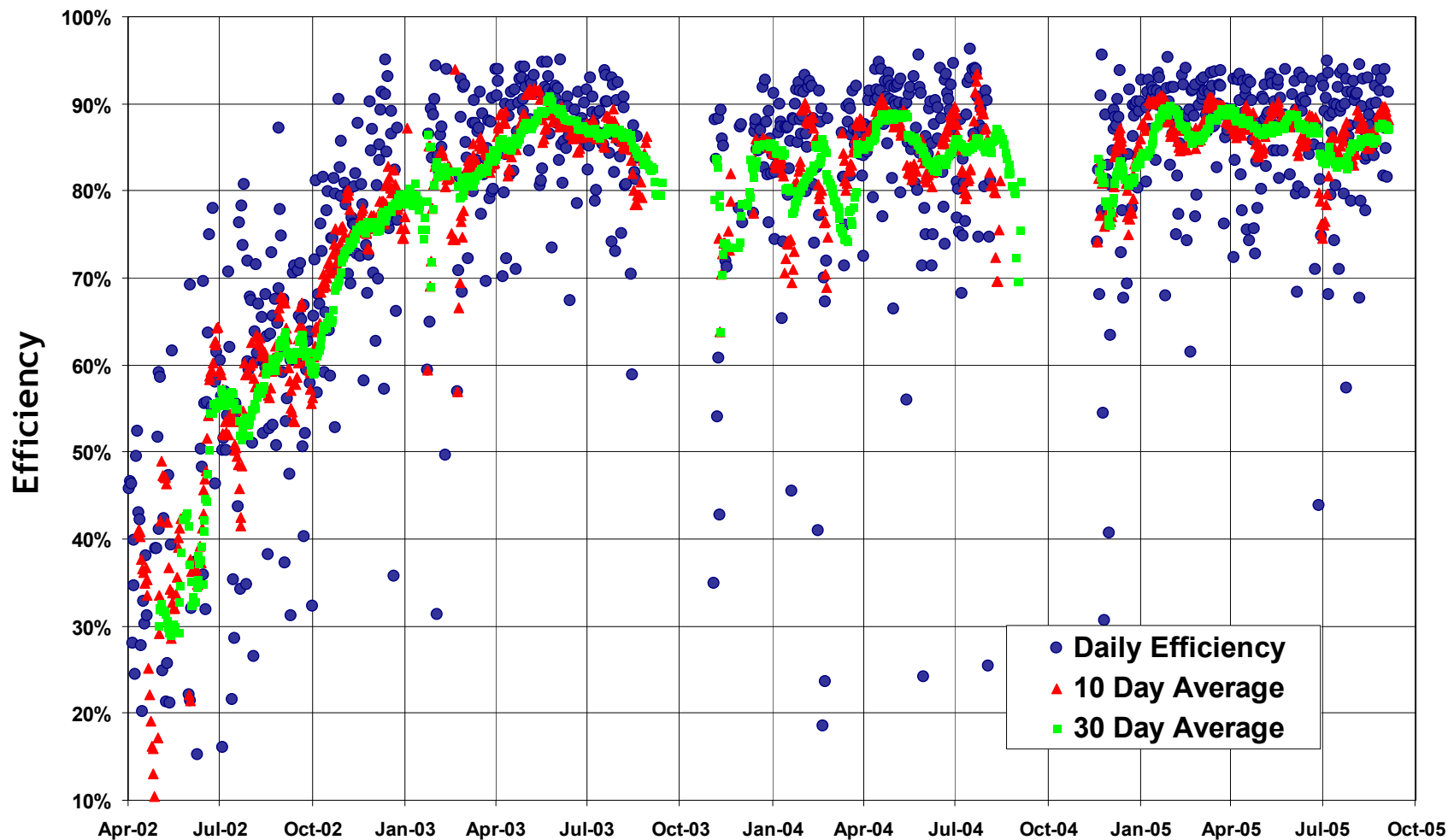
Notable Events

- 9/22 (Thu)
 - 30 min downtime due to L2 problems near the end of store 4397.
 - Took special runs for L1Cal2b.
 - Lost 36 Cal channels during the scraping of store 4399.
- 9/23 (Fri)
 - Central muon special run at the end of store 4399.
- 9/25 (Sun)
 - Record initial luminosity of 1.22×10^{30} for store 4401.
 - 30 min downtime due to Muon crate download problem.



Daily Data Taking Efficiency

19 April 2002 - 22 September



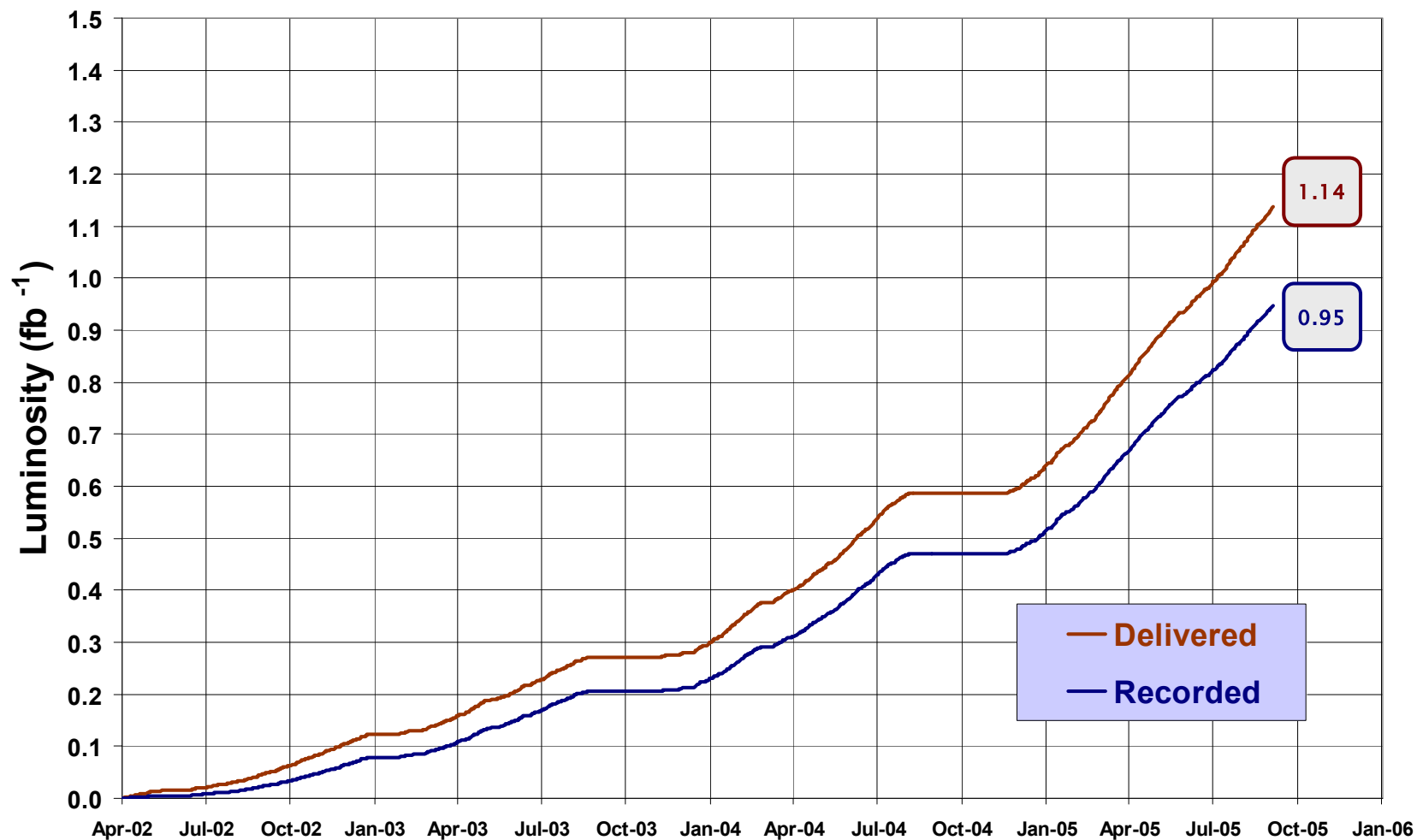
26 September 2005

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Run II Integrated Luminosity

19 April 2002 - 22 September 2005



26 September 2005

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